# BENGALURU CENTRAL CITY CORPORATION

No: BCCC/EE/ELE/Qtn/01/2026-27

**Office of the**
**Executive Engineer (Ele),**
**16th Floor, PU Building,**
**MG Road, Bengaluru-01,**
**Dated: 29/04/2026**

## INVITATION FOR QUOTATION
## (Through GOK KPP Portal only)

1. The Executive Engineer (Electrical), Bengaluru Central City Corporation, on behalf of the Commissioner, BCCC, invites rates from authorized dealers, manufacturers, and contractors for the following items of work. The rates quoted shall be used only for the purpose of preparation of estimates. Interested parties are requested to submit their rates through the Government of Karnataka Public Procurement Portal (KPPP)
2. Details may be downloaded from the KPP-Portal of the Government of Karnataka.
3. Other details can be seen in the KPP-Portal.

| Sl. no | Material Description | Unit | Qty |
|---|---|---|---|
| 1 | SITC of IP66 RGBW 4-in-1 **(.....W)** DMX-RDM LED wash light, BIS (IS 10322) & CE compliant, CRI>80, efficacy >45 lm/W, 25°/45°/60°/Asymmetrical optics. Die-cast/extruded Al body with SS/Al yoke, IK07 glass, IP68 vent. 24V DC ext. driver (>90% eff., THD<10%, 2–4kV surge). DMX/Ethernet/RDM, 8/4 ch modes, auto sync on DMX loss. LM79/LM80, NABL tests, IP67 connectors, 50,000 hrs LEDs (CREE/Osram etc.).<br>a) 40 to 50W | Nos | 1 |
| 2 | b) 90 to 100W | Nos | 1 |
| 3 | c) 140 to 150W | Nos | 1 |
| 4 | d) 240 to 250W | Nos | 1 |
| 5 | SITC of IP66 RGBW 4-in-1 **(.....W)** DMX-RDM linear wash light, BIS (IS 10322) & CE compliant, CRI>80, efficacy >45 lm/W, 25°/45°/60°/Asymmetrical optics. Die-cast/extruded Al body with SS/Al yoke, IK07 glass, IP68 vent. 24V DC ext. driver (>90% eff., THD<10%, 2–4kV surge). DMX/Ethernet/RDM, 8/4 ch modes, auto sync on DMX loss. LM79/LM80, NABL tests, IP67 connectors, 50,000 hrs LEDs (CREE/Osram etc.).<br>a) 40 to 50W | Nos | 1 |
| 6 | b) 80W | Nos | 1 |
| 7 | SITC of mono colour wash light, IP66, complying with IS 10322 (Part 5/Sec 1):2012, CE certified (EN 60598-1:2015, EN 61547:2009). **50W**, CCT 1800K–6000K, PMMA optics, 15°–60° beam, ON/OFF control. Die-cast/extruded aluminium body, AC 220–240V, 50Hz, surge protection 2–4kV, IK07 glass. Operating 0°C–50°C, IP68 vent, 50,000 hrs life (L70). Pre-wired connectors, LM79, NABL certified, approved LED make. | Nos | 1 |
| 8 | SITC of LED Pixel DOT media façade system, **1.4W/pixel, 12/24V, RGBW,** milky diffuser, engineering plastic housing, IP66/67, IK07. Control via SPI/DMX512. L70@50,000 hrs at 35°C, THD <10%, operating -30°C to +45°C, humidity 10–90%. Includes mounting (seat/steel wire/clips), connectors, jumper cables, accessories, anti-theft system, with complete installation, testing & commissioning. | Nos | 1 |
| 9 | SITC of high quality mono color flexible side **bend Neon** with fixing clamps & accessories. Protection Rating : IP65, Power consumption : 10W/Mtr, CCT :3000K,4000K,5700K, Beam Angle 120º, Dimension: W20xH20mm, Body Color: White, Control: ON/OFF, Power Input : DC 24V (without DC Driver) | Mtrs | 1 |

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| 10 | Supply, Installation, Testing and Commissioning of **RGB/RGBW LED non-integral flexible strip** luminaire of 5m length with system wattage in the range of 10-13W/m with minimum system lumens of 450 lumens/meter. Luminaire should be capable of producing dynamic color changing light by DMX/Ethernet based control. Life class should be at least 30,000 burning hours at L70@35deg C. Luminaire should comply IP68. Operating temperature should be in the range of -40deg to 50deg C complete etc as required. | Nos | 1 |
| 11 | Supply and fixing **IP 67 boxes** as per site complete etc as required. | Nos | 1 |
| 12 | Supply, Installation, Testing and Commissioning of **DC power driver for Lights, Power : 200W**, Input : AC 110-240V AC, 50Hz, Output :DC 12/24V, Protection rating, IP65, Surge protection : LL 4KV, LE6KV | Nos | 1 |
| 13 | Supply, installation, testing & commissioning of **DMX/eDMX/LED Pixel controller** supporting up to 6 DMX512 universes (3072 channels), RDM compatible. USB & Ethernet connectivity, standalone mode with ~2000 scenes, 20 zones, 16MB flash, microSD. 8 dry contact triggers, mobile (iOS/Android) control. Input 12V DC. Outputs: DMX, eDMX, SPI. Interfaces: USB-C, Ethernet, RS232, audio-in. Suitable for RGB/RGBW lighting systems. | Each | 1 |
| 14 | SITC of **DMX de-coder** for RGB LED strip. The job includes the cost of carraige and erection of the fitting on wall/ceiling with steel anchor fastener as required at site with cost of all petty material. | Nos | 1 |
| 15 | SITC of **Din Rail Mount DMX controller** can be used to control a wide variety of different DMX systems- from RGB/RGBW to more advanced moving and color mixing luminaires, DMX audio players and fountains. The controller comes with a variety of features, iPhone/iPad/Android remote control, Wi-Fi facilities, dry contact port triggering and flash memory.USB connection • 1024 DmX channels universe in live mode (computer) • 8 dry contact trigger ports via HE10 connector • stand alone mode with 5 area and 90+ scenes, Power From 5V to 5.5V DC (AC/DC adapter in option). | Nos | 1 |
| 16 | Supply, Installation, Testing and Commissioning of **RJ45 comprises twisted pairs** with shield support for carrying of data. RJ45 cable used for transferring the data transmission. | Mtr | 1 |
| 17 | SITC of lighting control server with licensed software supporting up to **64 DMX/Art-Net/sACN universes**. Features include timeline sync, MIDI time code, PC triggers, live recording, pixel mapping, LED matrix/video control, DVI output (up to 1280×1024). Operates on AC 110–230V, IP20. Includes Wi-Fi, mobile control (iOS/Android), dry contact triggering, flash memory, USB connectivity, complete installation, testing & commissioning. | Nos | 1 |
| 18 | SITC of **ArtNet to 8 DMX node**, high-speed ArtNet/sACN with 8 configurable DMX ports (3-pin XLR). Web interface, RDM over Art-Net compatible, 100% electrical isolation between ports. Gigabit Ethernet based on high-speed switch, compliant with IEEE 802.3-2005. Neutrik XLR connectors, IP20 protection, input AC 110–230V, including installation, testing & commissioning. | Nos | 1 |
| 19 | SITC of **DMX signal amplifier** for improving/amplifying the input signals through longer distances. | Nos | 1 |
| 20 | Supply, Installation, Testing and Commissioning of **IP65 "I" power connectors** easy and extremely precise locking system. High impactmaterials - long-lasting and reliable. | Nos | 1 |
| 21 | Supply, Installation, Testing and Commissioning of **IP65 "I" DMX connectors having 3/5 pole cable connector, Male/Female connector** with improved latch, cage type contacts, "solder stop" for easy soldering, and additional ground contact for best contact integrity between chassis and cable connector. More durable housing for maximum reliability. | Nos | 1 |
| 22 | Supply, Installation, Testing and Commissioning of **DMX isolator** or **splitter** provides Isolated optical DMX splitter provides 8 outputs from a 1 input and Input voltage: AC 110 to 220 V, 50 Hz, Product features: Group 1 & group 8 DMX signal change. | Nos | 1 |
| 23 | Supply, Installation, Testing and Commissioning of **IP65 5 pin XLR Male and Female connectors having 5 pole cable connector**, Male/Female connector with improved latch, cage type contacts, "solder stop" for easy soldering, and additional ground contact for best contact integrity between chassis and cable connector. More durable housing for maximum reliability. | Nos | 1 |

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|---|---|---|---|
| 24 | Supply, Installation, Testing and Commissioning of **5 core DMX cable comprises twisted pairs** with shield support for carrying of data. DMX512 cable is used for connecting all light consoles that use DMX 512 standard data transmission. | Mtrs | 1 |
| 25 | Supply, Installation, Testing and Commissioning of PVC insulated **multi core electrical unarmoured flexible 5C x 0.5Sq mm** power cable having less electrical losses. (As per actuals depending upon the site condition) | Mtr | 1 |

The Quotation Schedule is as follows. Further details can be obtained from this office in the working hours.

**Quotation Schedule**

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| **Reference** | Invitation of quotation Rates for "Ornamental and Architectural Facade lighting and Media Facade lighting to the Buildings of Bengaluru under BRAND BENGALURU-VIBRANT BENGALURU in BCCC limits".<br><br>BCCC/EE/ELE/Qtn/01/2026-27 |
| **Date from which Bid is ready for download through Karnataka Public Procurement Portal (KPPP) of Government of Karnataka (https://kppp.karnataka.gov.in/)** | 30/04/2026 |
| **Last date and time for submission in Karnataka Public Procurement Portal (KPPP)** | 08/05/2026 up to 16.00 Hrs |
| **Date & time of opening** | 11/05/2026 up to 11.30 Hrs |
| **Earnest Money Deposit** | Rs. 500/- (Rs. Five hundred only/-) |

**Sd/-**
**Executive Engineer (Ele.)**
**Bengaluru Central City Corporation**

**Copy to:**

1) Copy Submitted to the Commissioner, Bengaluru Central City Corporation, for kind information.
2) Copy Submitted to the Additional Commissioner (Development), Bengaluru Central City Corporation, for kind information.
3) Copy Submitted to the Chief Engineer (Zone-1 & Zone -2), Bengaluru Central City Corporation, for kind information.
4) Copy Submitted to the Superintendent Engineer (Zone-1 & Zone -2), Bengaluru Central City Corporation, for kind information.
5) Copy to the Public relation officer, BCCC for kind information and to publish in Leading News papers.
6) Notice board.
7) Office copy.

29/04/2026

**Executive Engineer (Ele),**
**Bengaluru Central City Corporation**